

Fig. 2

2017-03-20 08:32:00

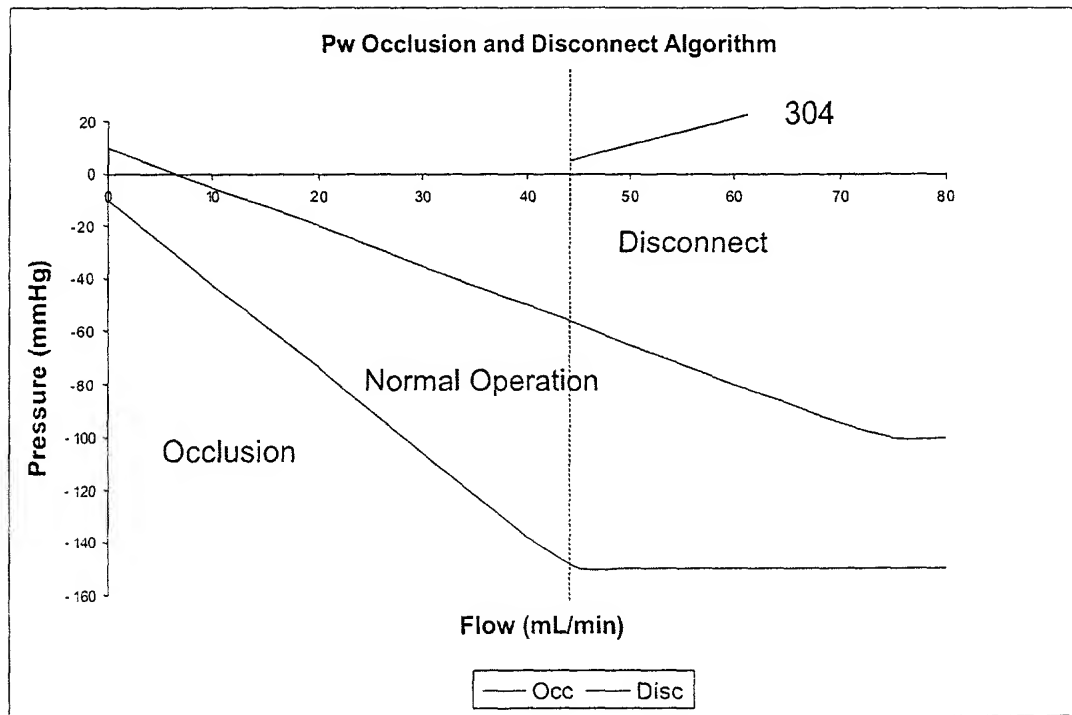


Fig. 3

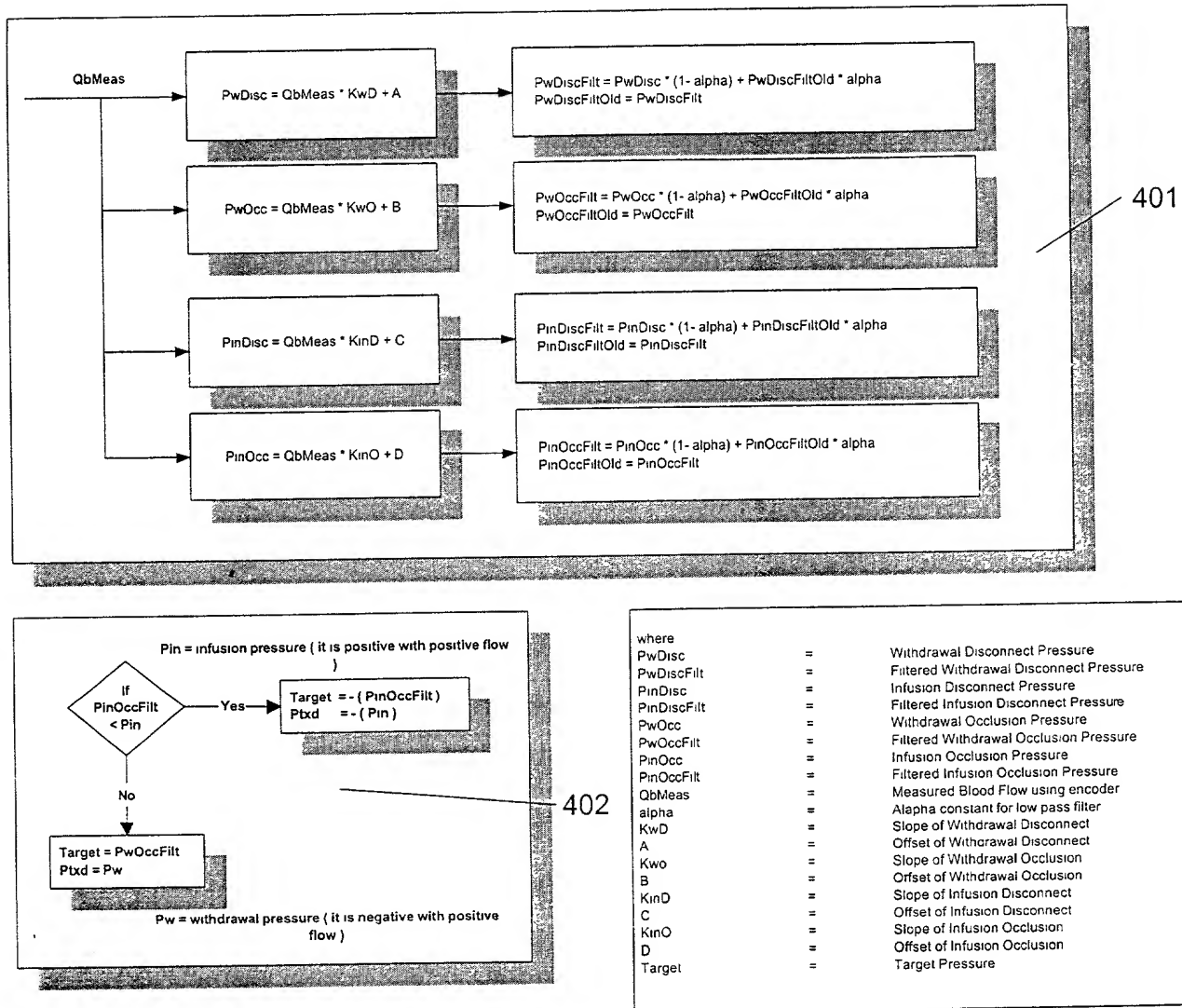


Fig. 4

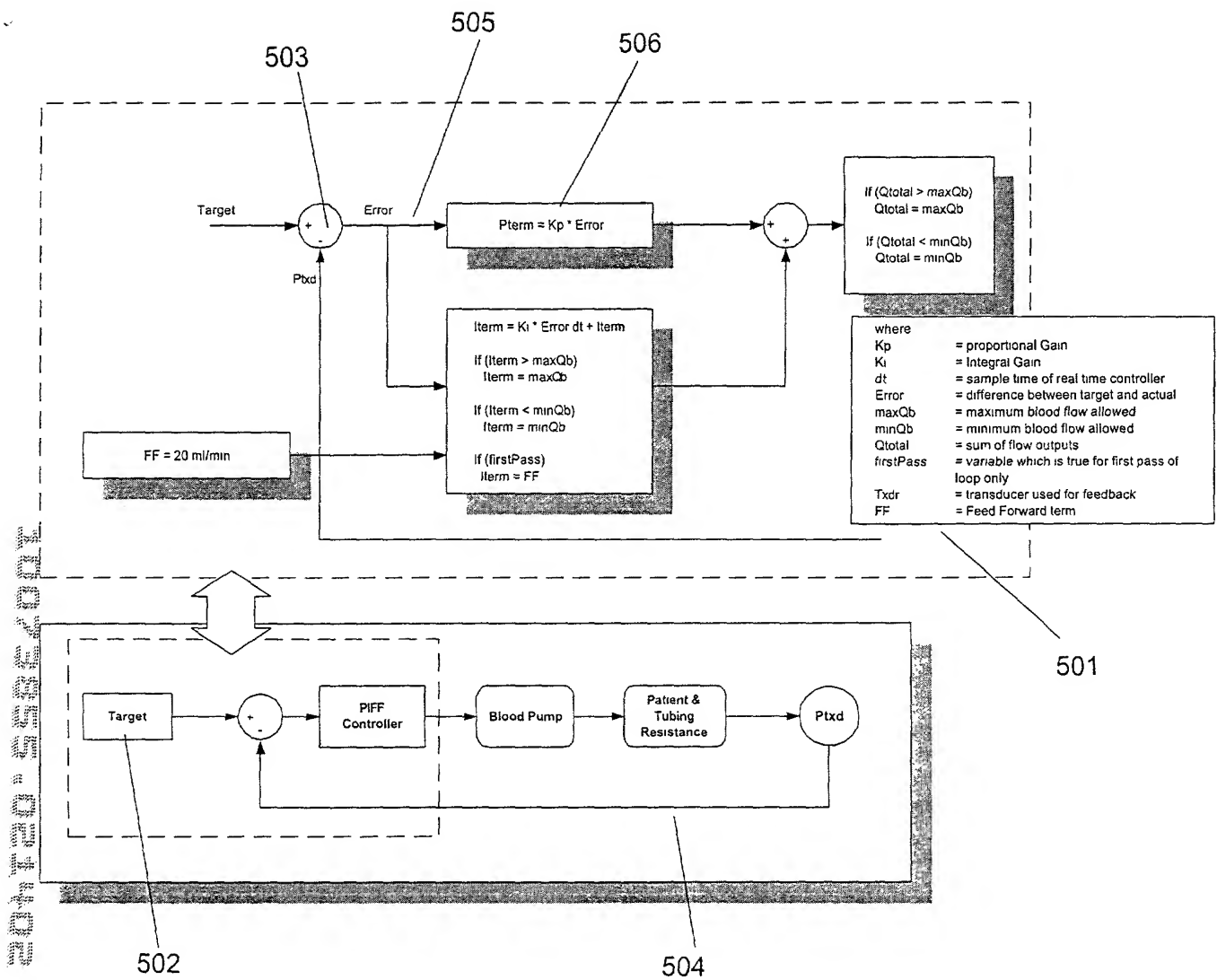


Fig 5

Pin Disconnect and Occlusion Algorithm

The graph plots Pressure Pin (mmHg) on the y-axis (ranging from -50 to 300) against Flow Q_b (ml/min) on the x-axis (ranging from 0 to 80). Two curves are shown: 'Occ' (Occlusion) and 'Disc' (Disconnect). The 'Occ' curve starts at approximately 10 mmHg at 0 ml/min and rises to about 250 mmHg at 80 ml/min. The 'Disc' curve starts at approximately -10 mmHg at 0 ml/min and rises to about 100 mmHg at 80 ml/min. The region between the two curves is labeled 'Occlusion'. The region below the 'Disc' curve is labeled 'Disconnect'. The region above the 'Occ' curve is labeled 'Normal Operation'. The curves are labeled 601 and 602.

Flow Q_b (ml/min)	Pressure Pin (mmHg) - Occ	Pressure Pin (mmHg) - Disc
0	10	-10
20	80	20
40	150	50
60	210	80
80	250	100

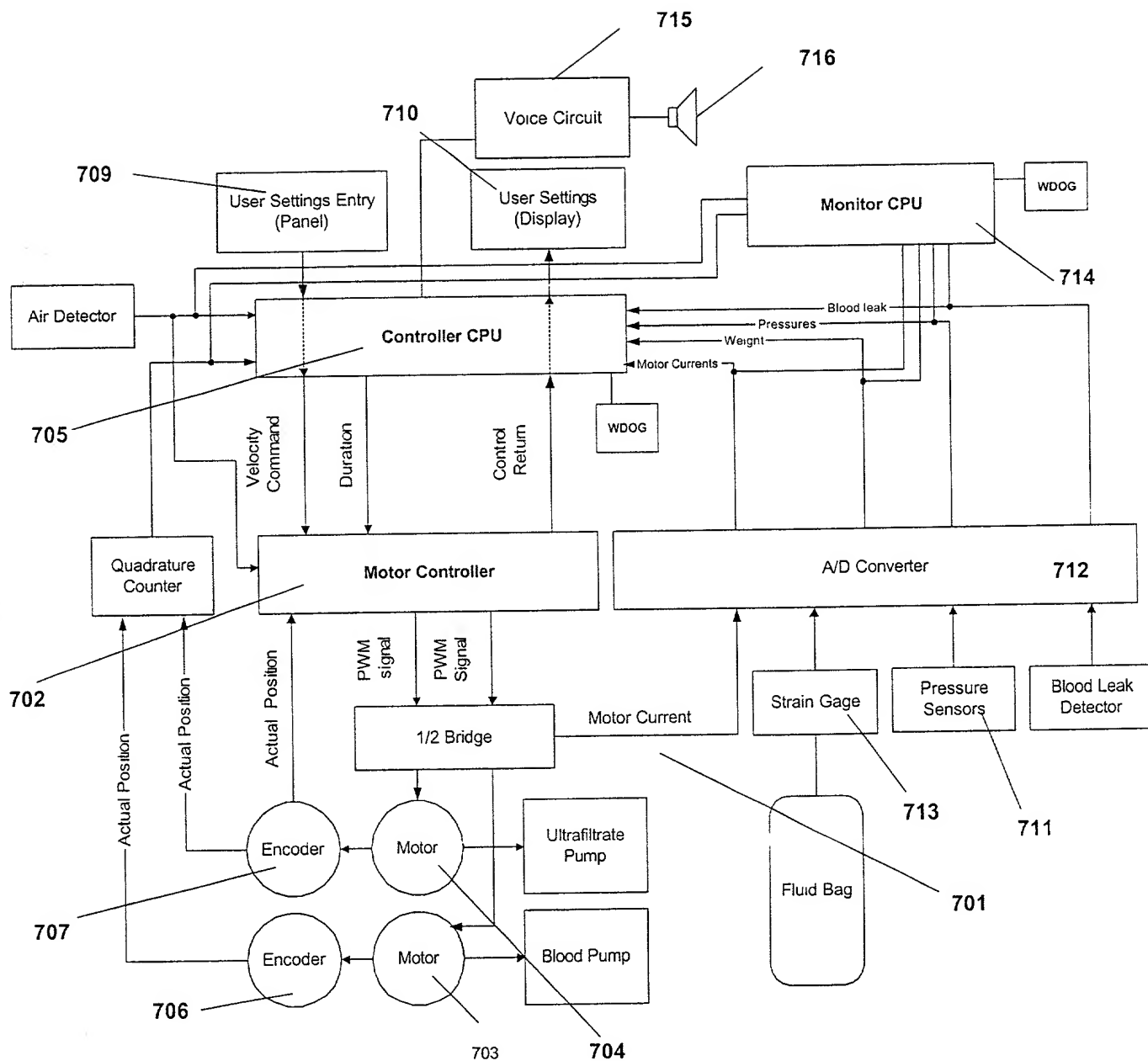


Fig. 7

2014-03-20

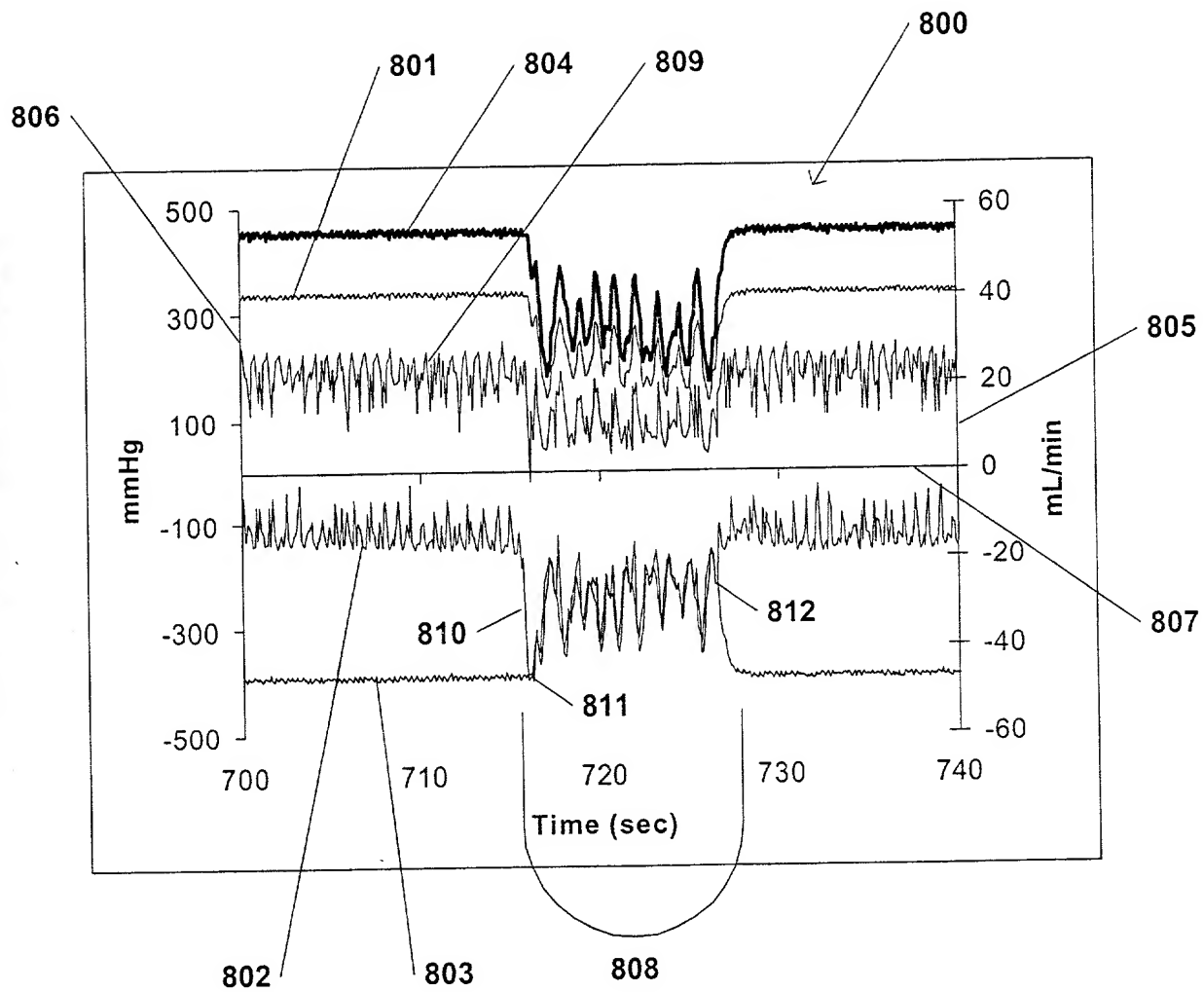


Fig. 8

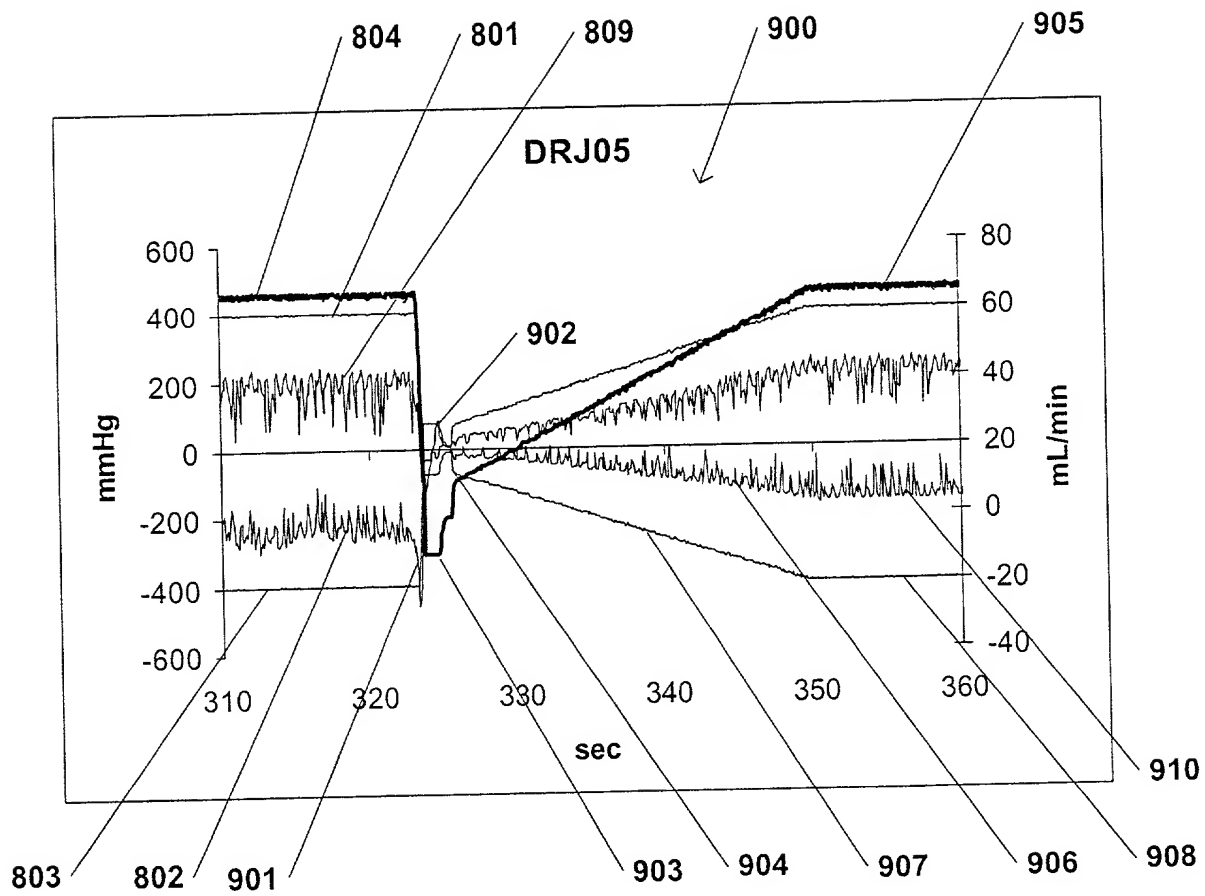


Fig. 9

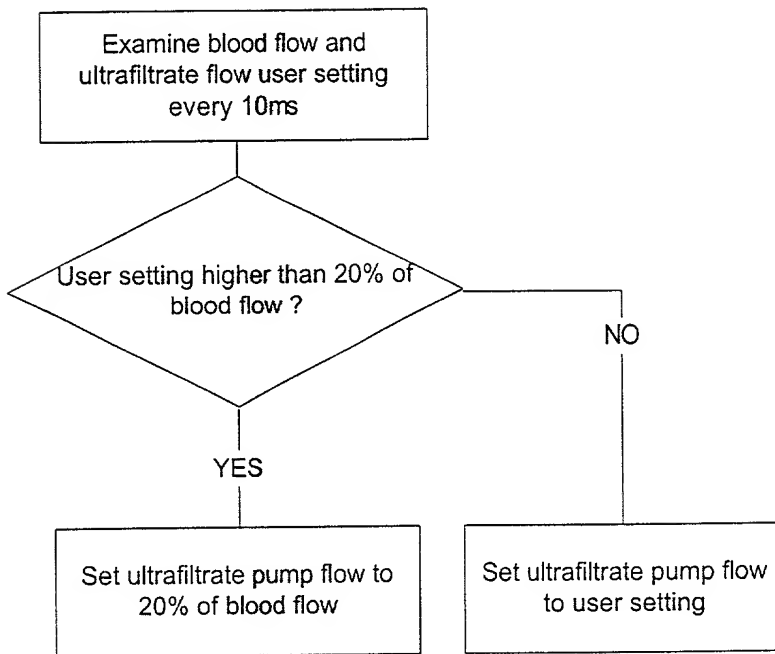


Fig. 10

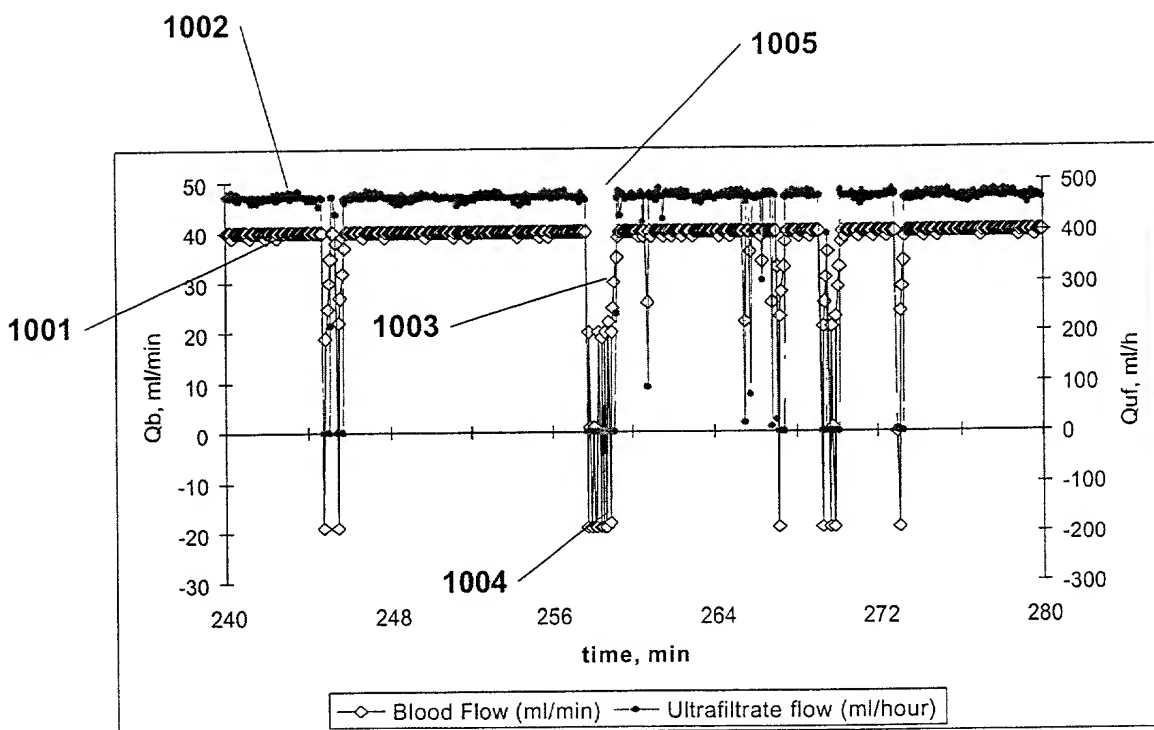


Fig. 10

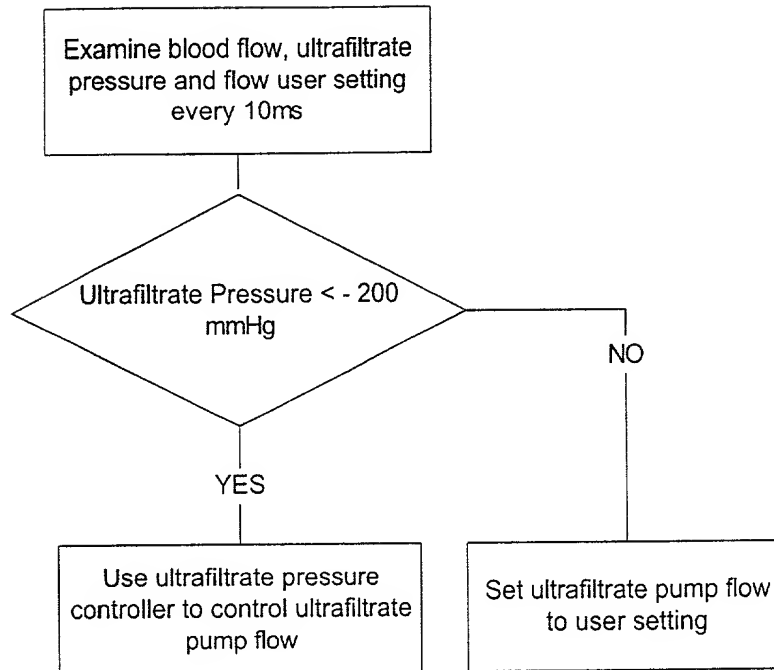


Fig. 12

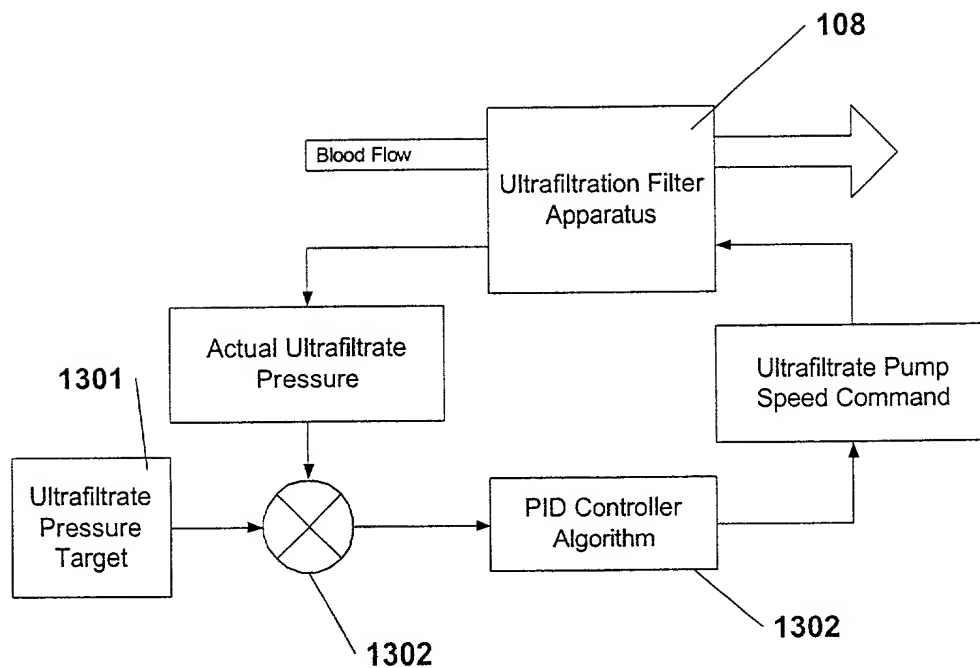


Fig. 13